

R Series

LED Explosion Proof Light



R2



R4

Certifications:

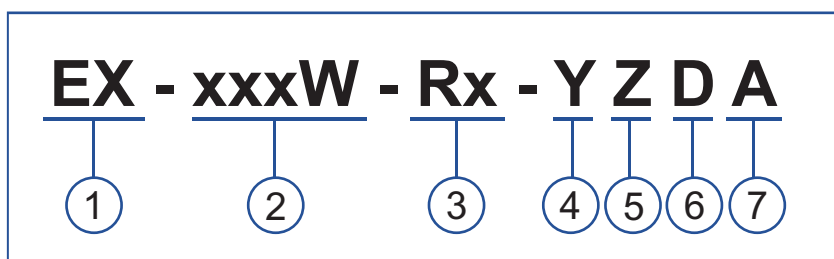
- ◆ ATEX Marking:
 - ◆ II 2 G Ex db eb mb IIC T5/T6 Gb
 - ◆ II 2 D Ex tb IIIC T95°C/T85°C Db IP66
- ◆ IECEx Marking:
 - ◆ Ex db eb mb IIC T5/T6 Gb
 - ◆ Ex tb IIIC T95°C/T85°C Db
- ◆ UL844 Marking (North American):
 - ◆ Class I, Division 2, Groups A, B, C, D
 - ◆ Class II, Division 1, Groups E, F, G
 - ◆ Class II, Division 2, Groups F, G
 - ◆ Class III
- ◆ Marine Marking:
 - ◆ UL 1598
 - ◆ UL 844
- ◆ Ambient Temperature:
 - ◆ Normal: -40°C to 45°C/60°C (-40°F to 113°F/140°F)
 - ◆ Emergency: -10°C to 45°C/60°C (14°F to 113°F/140°F)
- ◆ IP66

LED Explosion Proof Light - R Series

Key Features:

- ① Backup battery is optional.
- ② AC or DC power supply is available.
- ③ Stainless-steel body and PC cover.
- ④ Heavy-duty and high impact resistance.
- ⑤ High-quality SMT LED and Meanwell driver.
- ⑥ Water-proof, vapor-proof, dust-proof, and corrosion resistant.
- ⑦ 5-year warranty.

Catalog Number Logic:



① **PRODUCT CATEGORY**

- ◆ Explosion proof light

② **WATTAGE**

- ◆ 20W ◆ 30W ◆ 40W
- ◆ 50W ◆ 60W

③ **PRODUCT SERIES**

- ◆ R2
- ◆ R4

④ **DIMMING FUNCTION**

- ◆ Y=D: Dimmable
- ◆ Y=N: Non-dimmable

⑤ **CCT**

- ◆ 2200K-7000K

⑥ **BEAM ANGLE**

- ◆ D120= 120°

⑦ **PC COVER INFORMATION**

- ◆ A=C: Clear cover
- ◆ A=F: Frosted cover

Technical Data:

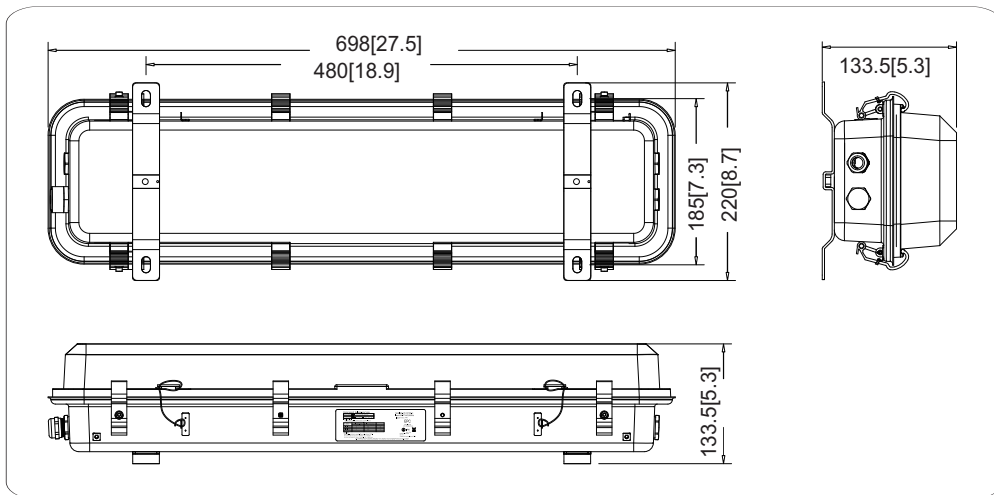
Model	Wattage	Operating Voltage	Efficacy (lm/W)	Total Lumens (lm)	CRI	CCT
EX-20W R2YZDA	2×10W/2ft	AC100-277/220-480V	140	2,800	>70	2200K-7000K
EX-30W R2YZDA	2×15W/2ft	AC100-277/220-480V	140	4,200	>70	2200K-7000K
EX-40W R4YZDA	2×20W/4ft	AC100-277/220-480V	140	5,600	>70	2200K-7000K
EX-50W R4YZDA	2×25W/4ft	AC100-277/220-480V	140	7,000	>70	2200K-7000K
EX-60W R4YZDA	2×30W/4ft	AC100-277/220-480V	140	8,400	>70	2200K-7000K

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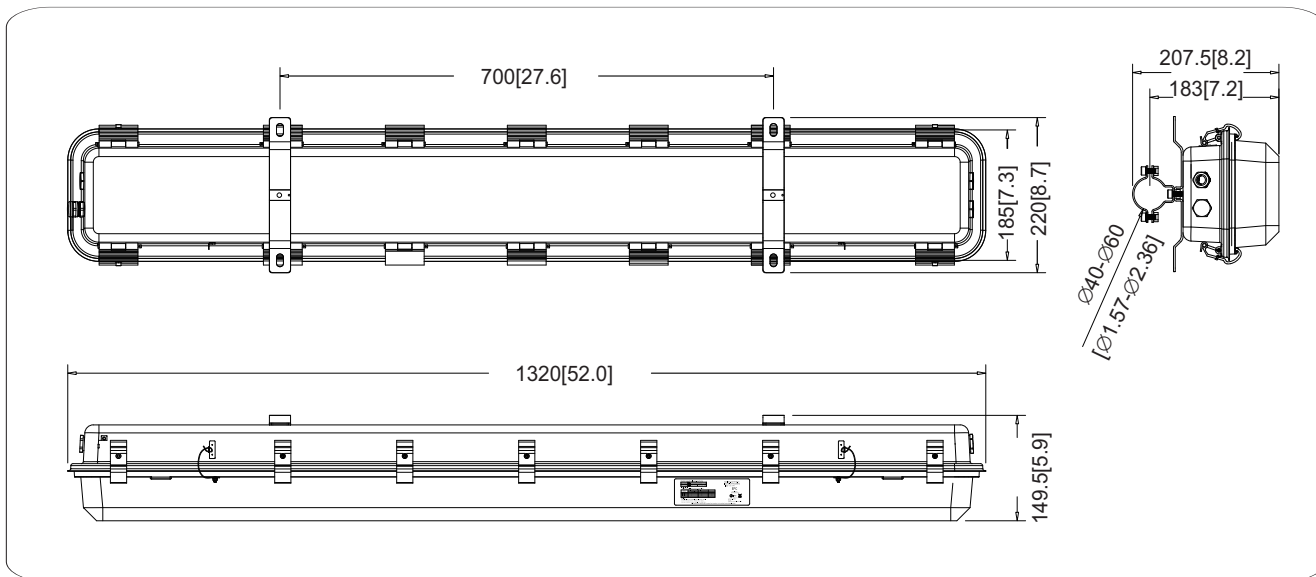
Dimensions & Packing:

Unit: mm [inch]

R2



R4



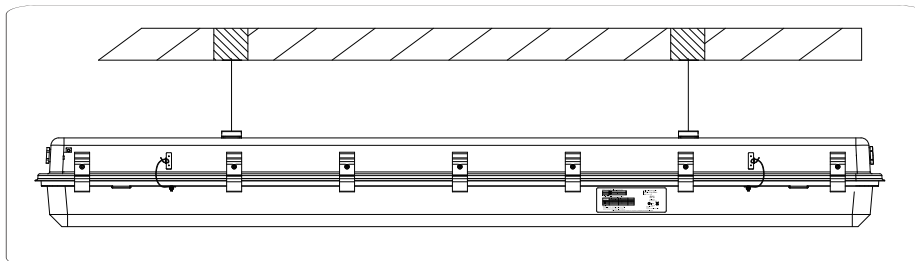
Model	Quantity/Carton	Packing Size	Net Weight	Gross Weight
R2	1 PCS	800x250x170mm [31.5x9.84x6.7inch]	4 kgs/ 8.82 lbs	5 kgs/ 11.02 lbs
R4	1 PCS	1400x250x175mm [55.12x9.84x6.89inch]	8 kgs/ 17.64 lbs	10.7 kgs/ 23.59 lbs

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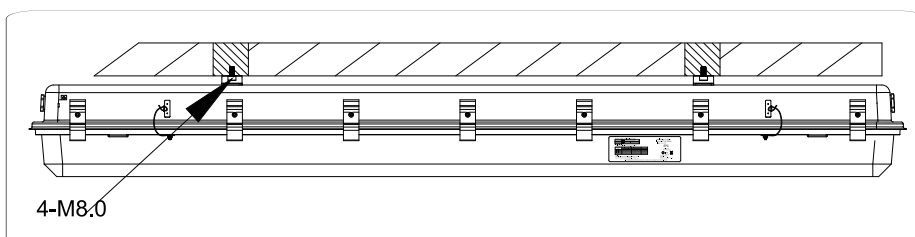
Mounting:

Unit: inch

◆ Pendant Mounting (default mounting):



◆ Surface Mounting (default mounting):



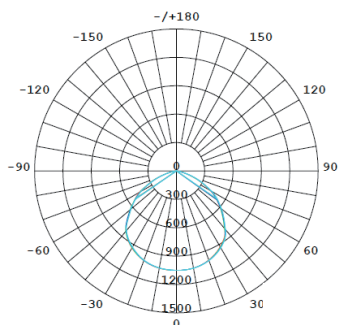
◆ Pole Mounting:

Optional Accessory:
Mounting Pole: EX-xxW-R4YZ-G01

Mounting Clamp: EX-BG-50

Photometry:

Beam angle: 120°



Application :

- ◆ Oil and gas industry
 - All petroleum production and refining
 - Petroleum loading and transportation
 - Petroleum storage and retail
 - LNG industry
 - All mining operations and service
- ◆ Ocean, marine and aerospace field
 - Ocean platform operation facilities
 - Aerospace clean room and production
 - Ocean vessel operations
- ◆ Food and alcohol industry
 - Flour and fine particle production and storage
 - Food and distilling production
 - Alcohol industry
- ◆ Chemical industry
 - All types of paint facilities
 - Chemical production and storage
- ◆ Metal treatment
 - Steel and aluminum factories
 - Pumping stations in any environment
 - Metal smelting, foundry and fabrication
- ◆ Other high humidity, high dust, high temperature, vapor locations.